

Andrew S. Winterman
(714) 362 6823
andywinterman@gmail.com

Summary: Mathematics major with extensive coursework in physics.

Education: B.A. (Dec 2010), Mathematics Reed College. Portland, Oregon.
German Language Immersion (Summer 2009) at the Deutsche Sommerschule am Pazifik, Portland, Oregon.
Spanish Language Immersion (Summer 2006) at the Universidad Belgrano. Buenos Aires, Argentina.

Employment History

Voz, Fall 2009

Volunteer

Conducted english classes in spanish and english for adult day laborers.

Reed College

Summer 2009

Mathematical Research

Studied combinatorics with Prof. V. Rao Potluri, in particular Polya's theory of counting.

University of Puerto Rico, Rio Piedras, SPECLAB.

Fall 2008

Material Physics Intern

Responsible for carrying out scientific procedure, tabulating results. Coauthor on the paper: N. M. Murari, R. Thomas, A. Winterman, R. E. Melgarejo, S. P. Pavunny, and R. S. Katiyar. "Structural, electrical, and magnetic properties of chemical solution deposited $\text{Bi}(\text{Fe}_{0.95}\text{Cr}_{0.05})\text{O}_3$ thin films on platinized silicon substrates," J. Appl Physics **105**, 084110 (2009).

Westfälische Wilhelms-Universität Münster & the German Academic Exchange

Service (DAAD)

Summer 2008

Material Physics Intern

Won competitive scholarship to study in Germany. Responsible for carrying out procedure of a complicated scientific experiment. Operated advanced scientific machinery including: tomographic atom probe, transmission electron microscope, field ion microscope.

Ayuda Directa,

Summer 2007

Building Construction and English Tutoring in Ecuador

Volunteer

Helped tear down and construct concrete cement buildings. Tutored more advanced Ecuadorian students in English vocabulary and grammar.

Tools: Wolfram's Mathematica, gnu-R.

Languages: Advanced Spanish, Intermediate German.

Interests: Reed Ultimate Frisbee (competitive sports team, member: 2006–present), cooking, commuting by bicycle, traveling, tango, piano.